

Abstract

A system for graphic display of point-to-point distance measurements in an object measuring system includes display of a graphic drawing representing the object and depictions of measured points representing their locations on the object and displays of lines between the points of selected pairs of displayed points to indicate where a distance measurement is taken. For each line there is displayed an indication that the measured distance is (a) within tolerance limits of a standard distance, (b) shorter than the standard distance by a difference greater than a lower tolerance limit or (c) greater than the standard distance by a difference exceeding an upper tolerance limit. There may simultaneously be displayed an alphanumeric table indicating the points, the measured and standard distances and the differences, which table may utilize the same tolerance indication scheme as the graphical representation.